

WTA5G-N

Wideband Terminal Antenna with Type-N connector for IoT and M2M Applications

Rugged tamper-proof wideband terminal antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G NR(5G) and WiFi frequencies. The antenna is ideal for fleet management, IoT and M2M applications providing a stable connection in critical areas.

- Tamper proof design
- IP65 water proof design for professional use
- Type-N connector for flexible installation
- Multiband:
 - 5G 600/700/800/900/1800/2100/2600/3500 MHz
 - LTE 600/700/800/1800/1900/2600 MHz
 - GSM 850/900/1800/1900 MHz
 - UMTS 700/800/900/2100 MHz
 - WiFi 2.4 GHz



ELECTRICAL SPECIFICATIONS

Antenna Type	Wideband end-fed - groundplane needed
Frequency	617 - 960 MHz, 1427 - 1518 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz
Bandwidth	See "FREQUENCY"
Impedance	50 Ohm
VSWR	< 3.0:1 (617 - 960 MHz), < 2.0:1 (1427- 2690 MHz, 3300 - 3800 MHz) Measured with 1.5 m RG58 cable on a Ø 50 cm ground plane
Gain	-1 dBd, 1.15 dBi (617-790 MHz) 0 dBd, 2.15 dBi (790-960 MHz) 3 dBd, 5.15 dBi (1427- 2690 MHz) 5 dBd, 7.15 dBi (3300-3800 MHz) Measured on a Ø50 cm ground plane
Polarisation	Linear
Max. Input Power	40 W



Datasheet

2 / 2

MECHANICAL SPECIFICATIONS

Color	Black and silver
Dimensions	Ø 46 x 110 mm
Weight	113 g
Mounting	Bolt-on
Mounting Place	On vertical or horizontal surfaces (conductive). E.g. car roofs, metering cabinets and brackets
Mounting Hole	Ø 16 - 17 mm
Materials	ABS, rubber, brass, PVC, PE and PCB
Operating Temperature	-40°C to +85°C
Connector	Type N-female
Ingress Protection	IP65 (when mounted)
Serial	On product label

ORDERING INFORMATION

48200-000	Antenna - Bulk
48200-001	Antenna - Polybag
48200-023	Antenna + Mount (10000-141) - Box

